

**ABSTRACT OF THE DISCLOSURE**

An assembly for inflating a tire includes a pump assembly that  
5 includes a housing having an air inlet and an air outlet. A conduit is  
fluidly coupled to the air outlet. The housing has a first end wall, a  
second end wall and a peripheral wall. A bracket is attached to the  
housing and is positioned on the peripheral wall for removably securing  
the housing to a spoke of a tire. The actuator includes a disc rotatably  
10 coupled to the pump assembly wherein rotation of the disc actuates the  
pump assembly. A valve assembly is fluidly couples the conduit to a valve  
stem of the tire. A plate is removably attached to a frame of a bicycle  
such that an axle of the tire extends through the plate. The plate is  
selectively abutted against the disc such that the disc rotates when abutted  
15 the plate and rotated around the axle.